



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208  
T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

Eco Window Systems, LLC

9114 NW 106 Street

Medley, FL 33178

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION:** Series "Eco-Guard 560" Aluminum Projected Out Window – L.M.I.

**APPROVAL DOCUMENT:** Drawing No. W11-08, titled Series "S-560 Aluminum Projected Out Wdw. (L.M.I.)", sheets 1 through 6 of 6, dated 02/24/11, with revision C dated 01/11/13, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING:** Large and Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA# 12-0223.26 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.



*MP*  
*7/4/25/13*

NOA No. 13-0206.06  
Expiration Date: May 26, 2016  
Approval Date: May 02, 2013  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **W11-08**, titled "S-560 Aluminum Projected Out Wdw. (L.M.I.)", sheets 1 through 6 of 6, dated 02/24/11, with revision C dated 01/11/13, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

**B. TESTS**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94  
along with marked-up drawings and installation diagram of a casement window, prepared by Hurricane Engineering and Testing, Inc., Test Reports No. **HETI-10-3150** and **HETI-10-3151**, dated 12/29/10, all signed and sealed by Candido F. Font, P.E.  
*(Submitted under previous NOA#11-0309.05)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by Al-Farooq Corporation, dated 03/02/11, signed and sealed by Javad Ahmad, P. E.  
*(Submitted under previous NOA#11-0309.05)*

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

**E. MATERIAL CERTIFICATIONS**

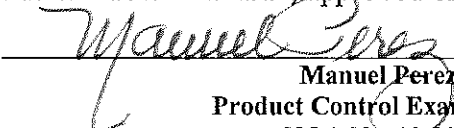
1. Notice of Acceptance No. **11-0624.01** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont Butacite® PVB Interlayer**" dated 09/08/11, expiring on 12/11/16.

**F. STATEMENTS**

1. Statement letter of conformance, complying with FBC-2010, and of no financial interest, dated January 30, 2012, signed and sealed by Javad Ahmad, P.E.  
*(Submitted under previous NOA#12-0223.26)*

**G. OTHER**

1. Notice of Acceptance No. **121-0223.26**, issued to Eco Window Systems, LLC for their Series "560 ECO-Guard" Aluminum Project Out Window – L.M.I.", approved on 05/03/12 and expiring on 05/26/16.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 13-0206.06  
Expiration Date: May 26, 2016  
Approval Date: May 02, 2013

WDW. WIDTH	WDW. HEIGHT
19-1/8"	53-1/8"
26-1/2"	53-1/8"
32"	53-1/8"
37"	53-1/8"
42"	46-3/4"
48"	40-7/8"
53-1/8"	37"

MAXIMUM DESIGN LOAD RATING = + 70.0 PSF  
(FOR SIZES SHOWN ABOVE OR SMALLER) - 70.0 PSF

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-04 (3 SEC. GUSTS)  
AND FLORIDA BUILDING COMMISSION  
DECLARATORY STATEMENT DCA05-DEC-219

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.  
SHUTTERS ARE NOT REQUIRED.

### ECO-GUARD SERIES-560 ALUMINUM PROJECT-OUT WINDOW

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE  
COMBINATIONS OF PROJECTED/PROJECTED OR PROJECTED WITH OTHER  
WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING  
MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN.  
LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL  
WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE  
REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY  
HURRICANE ZONE (HVHZ).

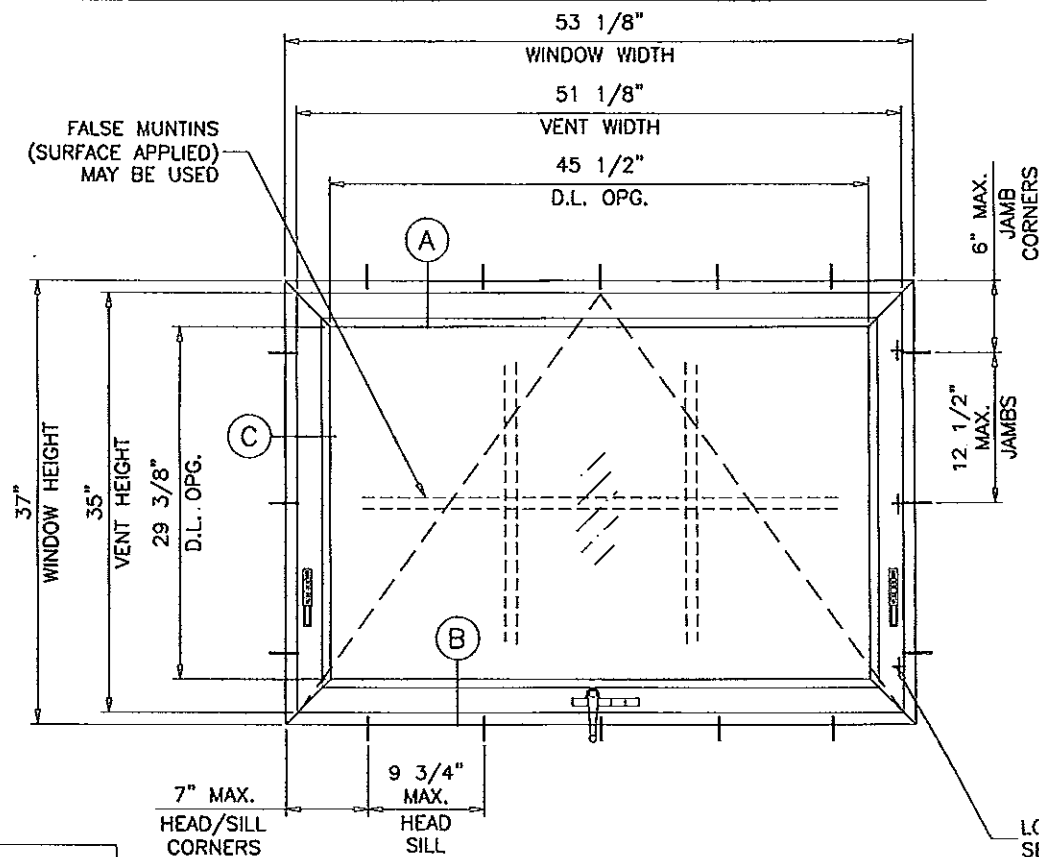
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER  
LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS  
EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE  
NOT PART OF THIS APPROVAL.

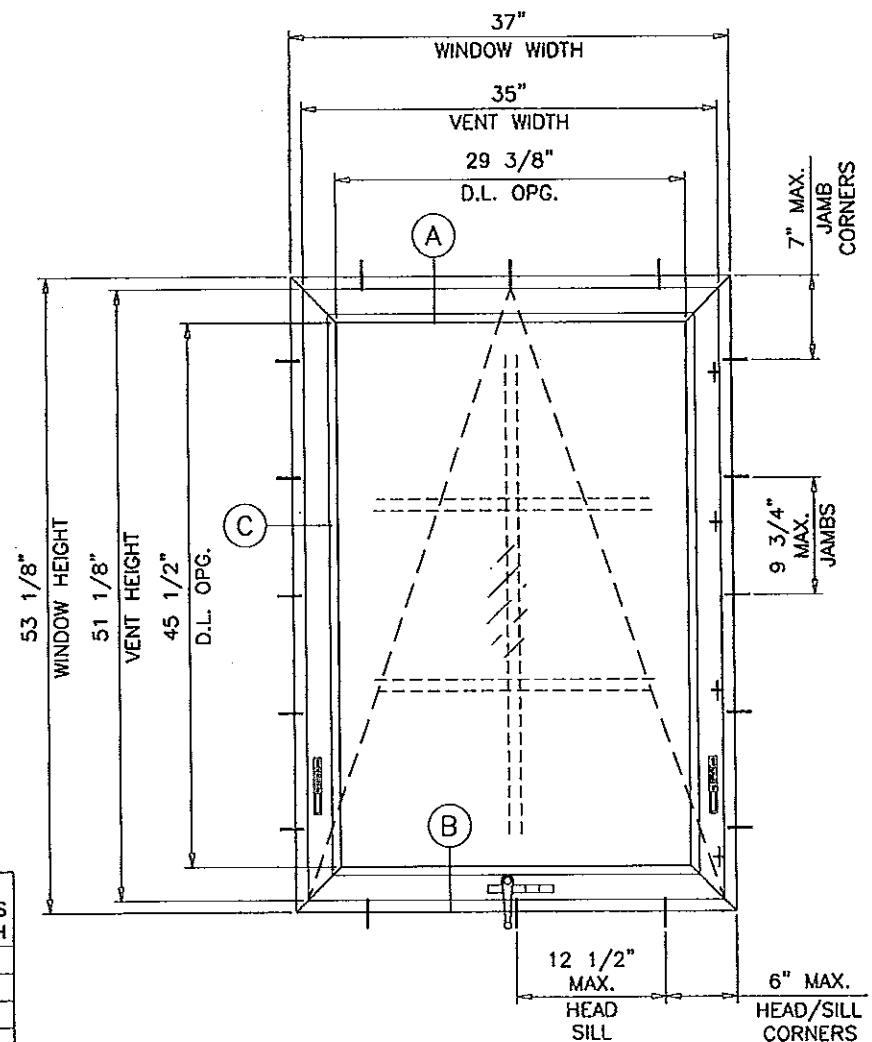
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT  
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE  
REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

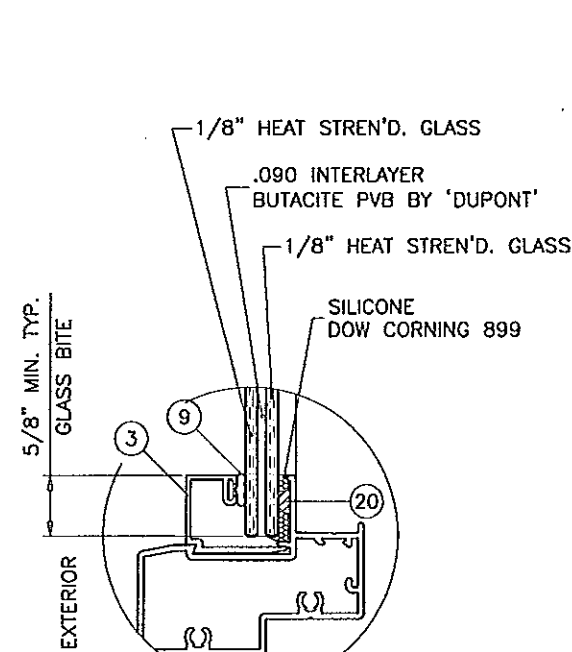


TYPICAL ELEVATION

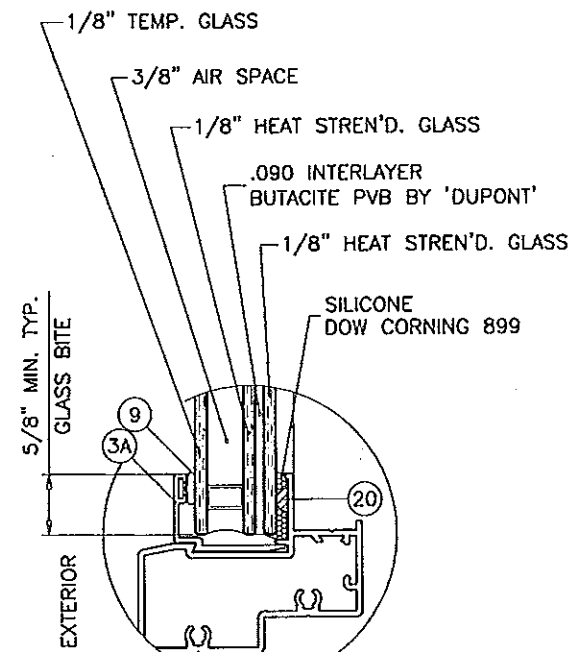
WDW. HEIGHT UPTO	NO. OF KEEPERS AT SASH
26"	2
38-3/8"	3
50-5/8"	4
53-1/8"	4



TYPICAL ELEVATION

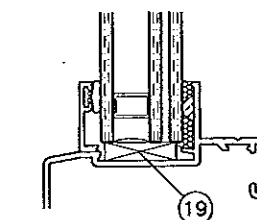


GLASS TYPE 'A'



GLASS TYPE 'AA'

### GLAZING OPTIONS



Engr: JAVAD AHMAD  
CIVIL  
FLA PE # 70592  
C.A.N. 3538

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 13-0206-06  
Expiration Date May 26, 2016  
By *Mamuel*  
Miami Dade Product Control

JAN 15 2013

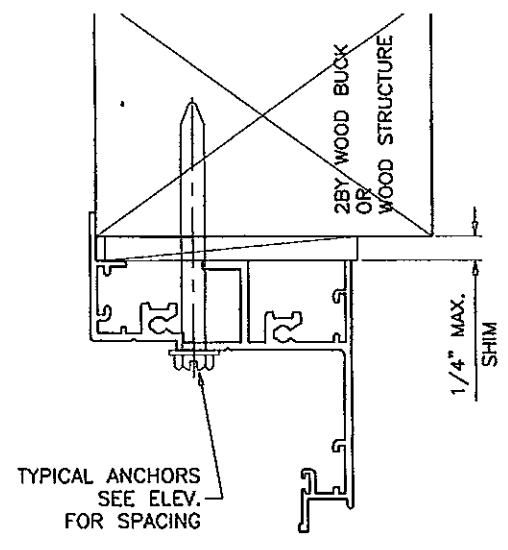
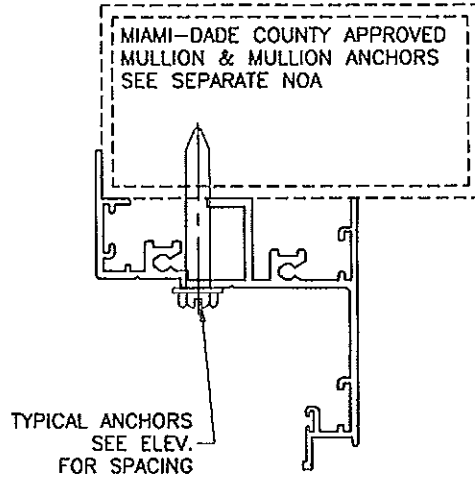
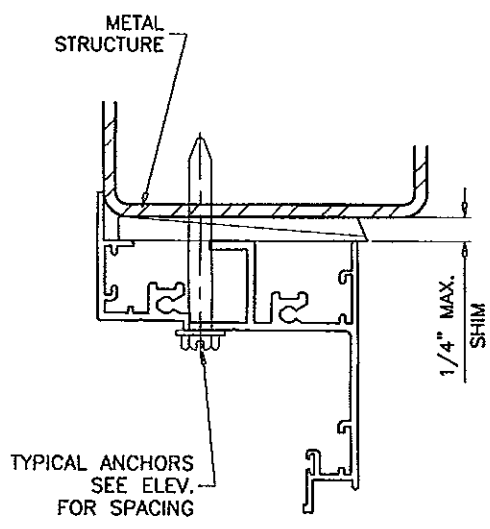
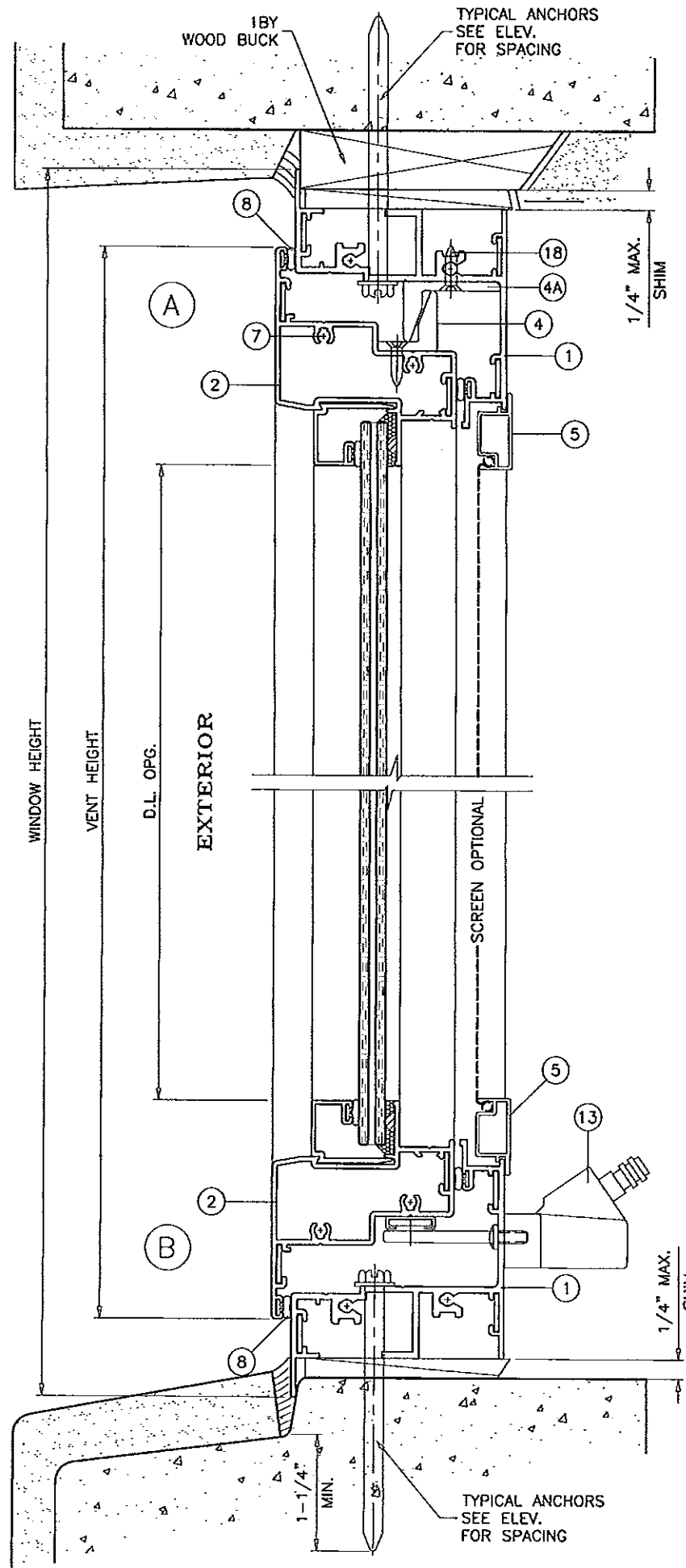
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANI\W11-08ECO

S-560 ALUMINUM PROJECT OUT WDW. (L.M.I.)  
**ECO WINDOW SYSTEMS, LLC.**  
9114 N.W. 106 STREET  
MEDLEY, FL. 33178  
TEL. (305) 885-5299 FAX (305) 885-5902

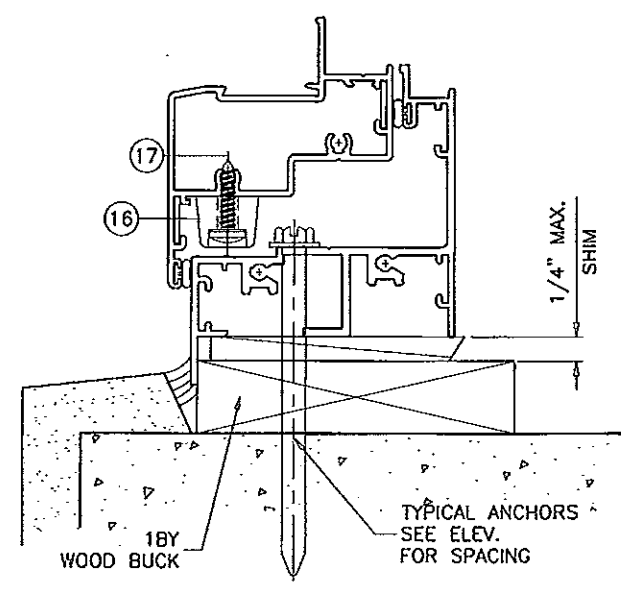
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	B	01.31.12		UPDATED TO 2010 FBC
	C	01.11.13		MANUF. ADDRESS REV.

date: 02-24-11  
scale: 3/4"=1'-0"  
dr. by: HAMID  
chk. by:

drawing no.  
**W11-08**  
sheet 1 of 6



WOOD BUCKS AND METAL STRUCTURE NOT BY ECO WDW. MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.



**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING  
 1/4" DIA. TAPCON BY 'ITW' (Fu=120 KSI, Fy=92 KSI)  
 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)  
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
 1-3/8" MIN. PENETRATION INTO WOOD  
 THRU 1BY BUCKS INTO CONC. OR MASONRY  
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY  
 DIRECTLY INTO CONC. OR MASONRY  
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

**#14 SMS OR SELF DRILLING SCREWS** (GRADE 2 CRS)  
 INTO METAL STRUCTURES  
 STEEL : 1/8" THK. MIN. (Fy = 36 KSI MIN.)  
 ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)  
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**#12 SMS OR SELF DRILLING SCREWS** (GRADE 2 CRS)  
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")  
 (NO SHIM SPACE)

**TYPICAL EDGE DISTANCE**  
 INTO CONCRETE AND MASONRY = 2" MIN.  
 INTO WOOD STRUCTURE = 1" MIN.  
 INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.  
 C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538

**JAN 15 2013**

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 By *Maunel*  
 Miami Dade Product Control

**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
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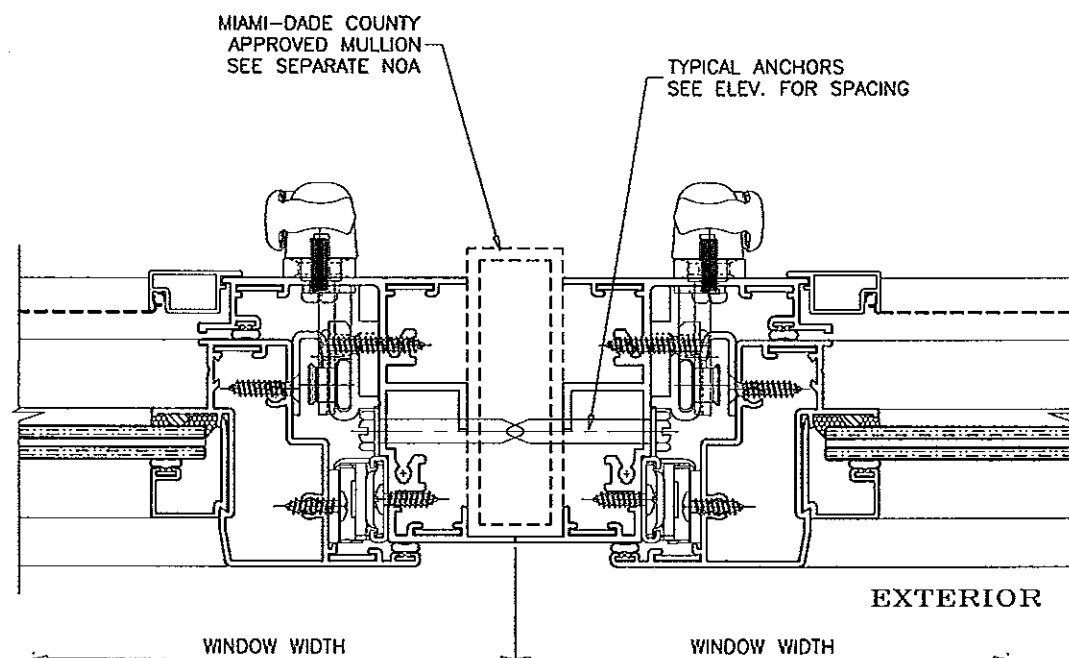
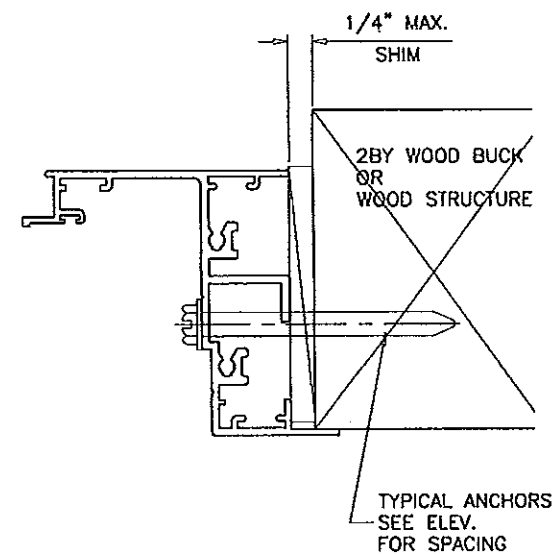
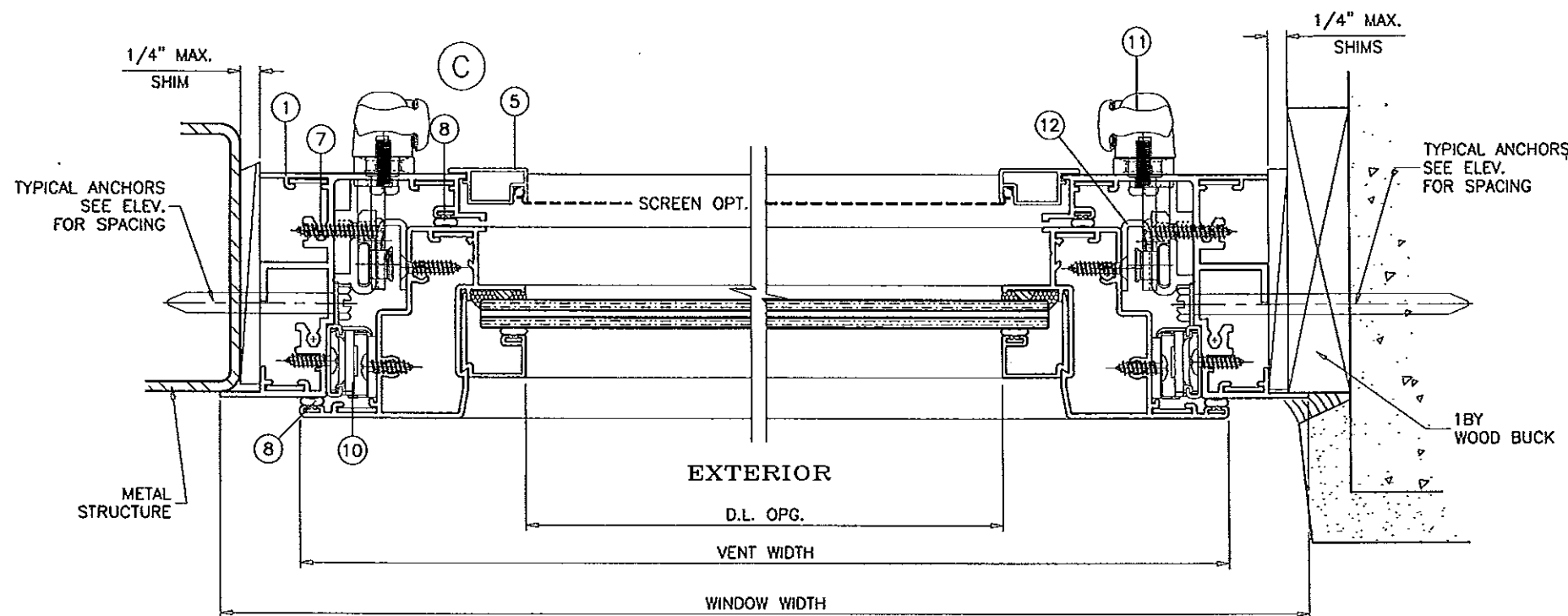
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dr. by: HAMID

chk. by:

drawing no.  
**W11-08**

sheet 2 of 6



Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
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By *Manuel Sings*  
Miami Dade Product Control

JAN 15 2013

**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
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MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX (305) 262-6978  
COMP-ANL W11-08ECO

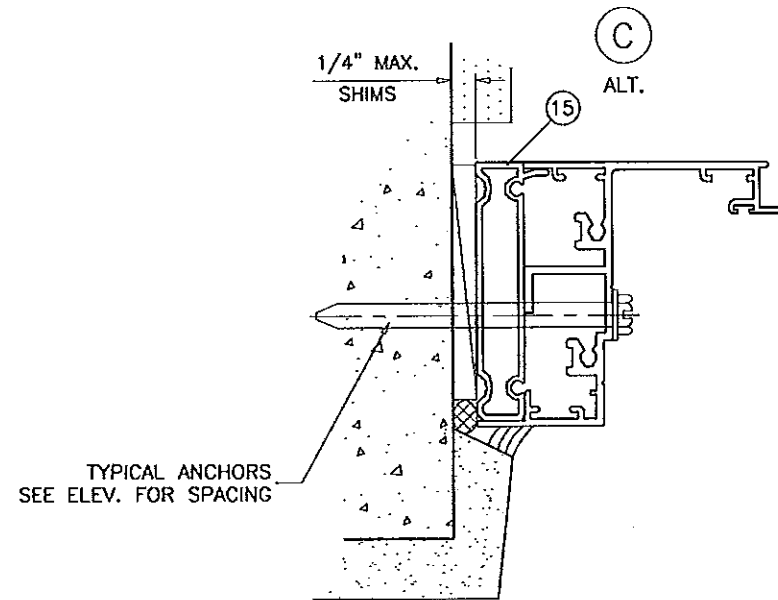
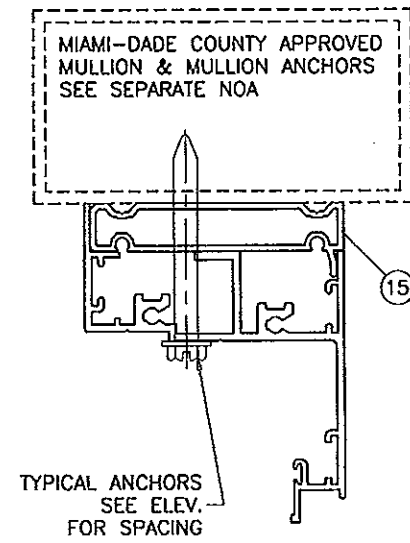
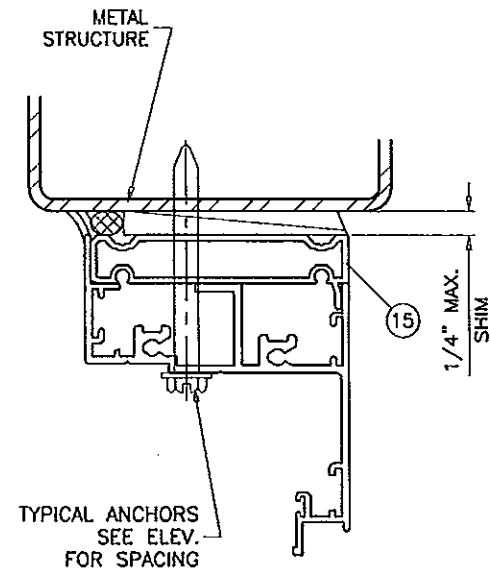
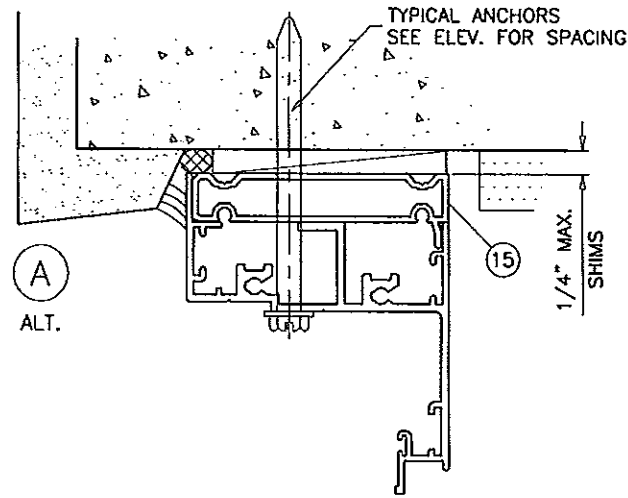
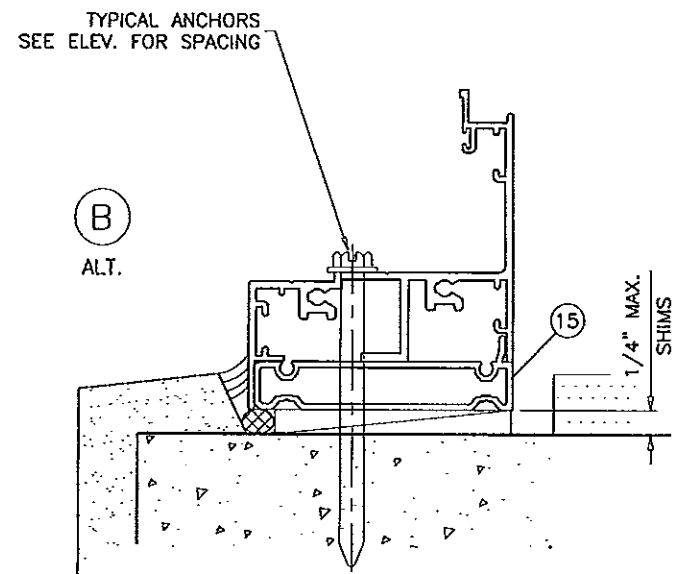
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date: 02-24-11	scale: 1/2" = 1"	dr. by: HAMID	chk. by:
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drawing no.  
W11-08

sheet 3 of 6



# INSTALLATION DETAILS WITH FLUSH FRAME ADAPTER

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538  
JAN 15 2013

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By *Manuel Perez*  
Miami Dade Product Control

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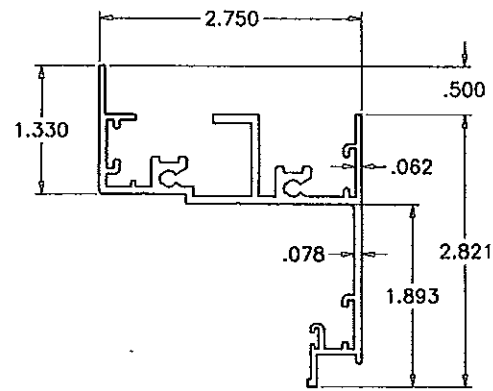
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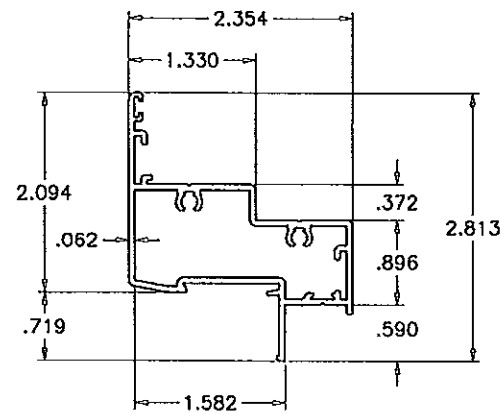
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dr. by: HAMID  
chk. by:

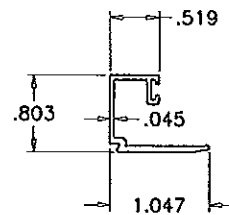
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**W11-08**  
sheet 4 of 6



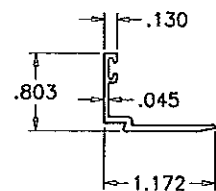
① FRAME HEAD/SILL/JAMB



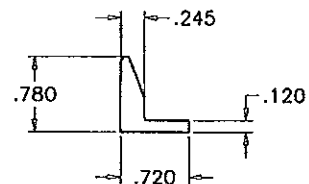
② VENT



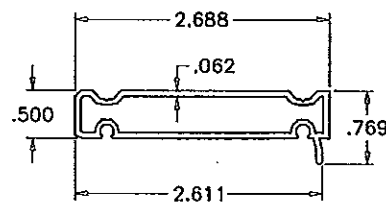
③ GLAZING BEAD (LAM. GLASS)



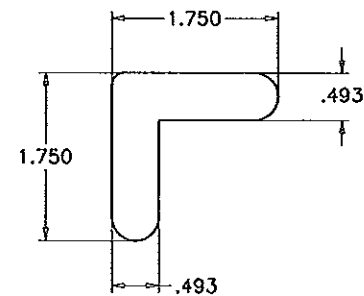
③A GLAZING BEAD (INSUL. LAM. GLASS)



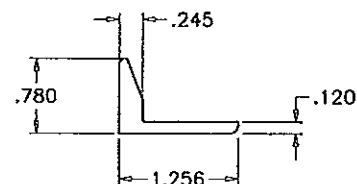
④ SNUBBER - VENT



⑮ FLUSH FRAME ADAPTER



⑭ CORNER KEY



④A SNUBBER - FRAME

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	E501	4	FRAME HEAD/SILL/JAMB	6063-T6	-
2	E502	4	VENT	6063-T6	-
3	FY108	AS REQD.	GLAZING BEAD (LAM. GLASS)	6063-T6	-
3A	E505	AS REQD.	GLAZING BEAD (INSUL. LAM. GLASS)	6063-T6	-
4	E508	AS REQD.	SNUBBER - VENT, FULL LENGTH	6063-T6	-
4A	E509	AS REQD.	SNUBBER - FRAME, FULL LENGTH	6063-T6	-
5	E506	OPTIONAL	SCREEN FRAME	6063-T6	-
7	#10 X 1-1/4"	AS REQD.	FRAME AND VENT ASSEMBLY SCREWS	-	H WS SMS
8	E203	AS REQD.	BULB WEATHERSTRIPPING, DUROMETER 65	SANTOPRENE	ULTRAFAB
9	E203	AS REQD.	GLAZING BEAD BULB, DUROMETER 65	SANTOPRENE	ULTRAFAB
10	35.12.00.400	2/ VENT	4 BAR HINGES	ST. STEEL	TRUTH, INSTALLED WITH (2) #10 X 5/8" SDS
11	13096.92	1	MULTI POINT LOCK SYSTEM	-	TRUTH
12	31964.92	AS REQD.	KEEPER	STEEL	TRUTH
13	52.13.012	1/ VENT	ROTO OPERATOR	ZAMAK/STL.	TRUTH, AT 12" FROM ENDS
14	PSJ40-SS	2/ CORNER	FRAME/VENT CORNER KEY	ST. STEEL	-
15	FY120	AS REQD.	FLUSH FRAME ADAPTER	6063-T6	OPTIONAL
16	-	2	ANTI SAG SKATE, AT 4-1/2" FROM EACH END	NYLON	M&M PLASTICS
17	#10 X 1-1/4"	2/ SKATE	FH SDS SKATE SCREWS	-	-
18	#8 X 3/4"	AS REQD.	FH SMS SNUBBER SCREWS	-	IN PAIRS 2" APART, PAIRS SPACED AT 7-3/4" O.C.
19	-	2/ LITE	SETTING BLOCK, 3/16" X 3/4" X 4" LONG	NEOPRENE	AT 6" FROM EACH END, DUROMETER 65
20	FLB-50	-	GLASS SPACER - 1/8" HIGH	SILICONE	FRANK LOWE

#### SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SCHNEE-MOREHEAD SM5504 SEAM SEALER.  
PARIMETER CAULKING SICAFLEX 15LM ON EXTERIOR ONLY.

#### LOCKS:

MULTIPOINT LOCK SYSTEM #13096.92 BY 'TRUTH' AT EACH JAMB  
LOCK OPERATOR #24.33.XX.004 AT 8-1/2" FROM SILL  
FASTENED TO JAMBS WITH (2) #10 X 5/8" SMS.  
LOCK BAR SECURED TO JAMB WITH LOCK GUIDES #33489.00.0001 SPACED AT 12-3/4" O.C. MAX.  
EACH GUIDE FASTENED WITH (2) #10 X 1" P PH SMS

STAINLESS STEEL KEEPERS #31964.92 AT VENT  
EACH FASTENED WITH (2) #10 X 5/8" P PH SMS  
SEE CHART ON SHEET 1 FOR QUANTITIES

#### HINGES:

4 BAR ST/ST HINGES #35.12.00.400 BY 'TRUTH' LOCATED AT TOP CORNERS  
FASTENED WITH (3) #10 X 5/8" P PH SELF DRILLING SCREWS

#### OPERATOR:

SINGLE ARM ROTO OPERATOR #52.13.012 BY 'TRUTH' LOCATED AT MIDSPAN OF FRAME SILL  
FASTENED WITH (6) #10 X 1" P PH SMS  
OPERATOR TRACK #30175 AT BOTTOM RAIL  
FASTENED WITH (2) #10 X 1" P PH SMS

#### ANTI-SAG SKATES:

NYLON ANTI-SAG SKATES BY 'M&M PLASTICS' (2) AT BOTTOM RAIL AT 4-1/2" FROM ENDS  
EACH FASTENED WITH (2) #10 X 1-1/4" P PH SDS.

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 13-0206.06  
Expiration Date May 26 2016  
By *Mamun*  
Miami Date Product Control

JAN 15 2013

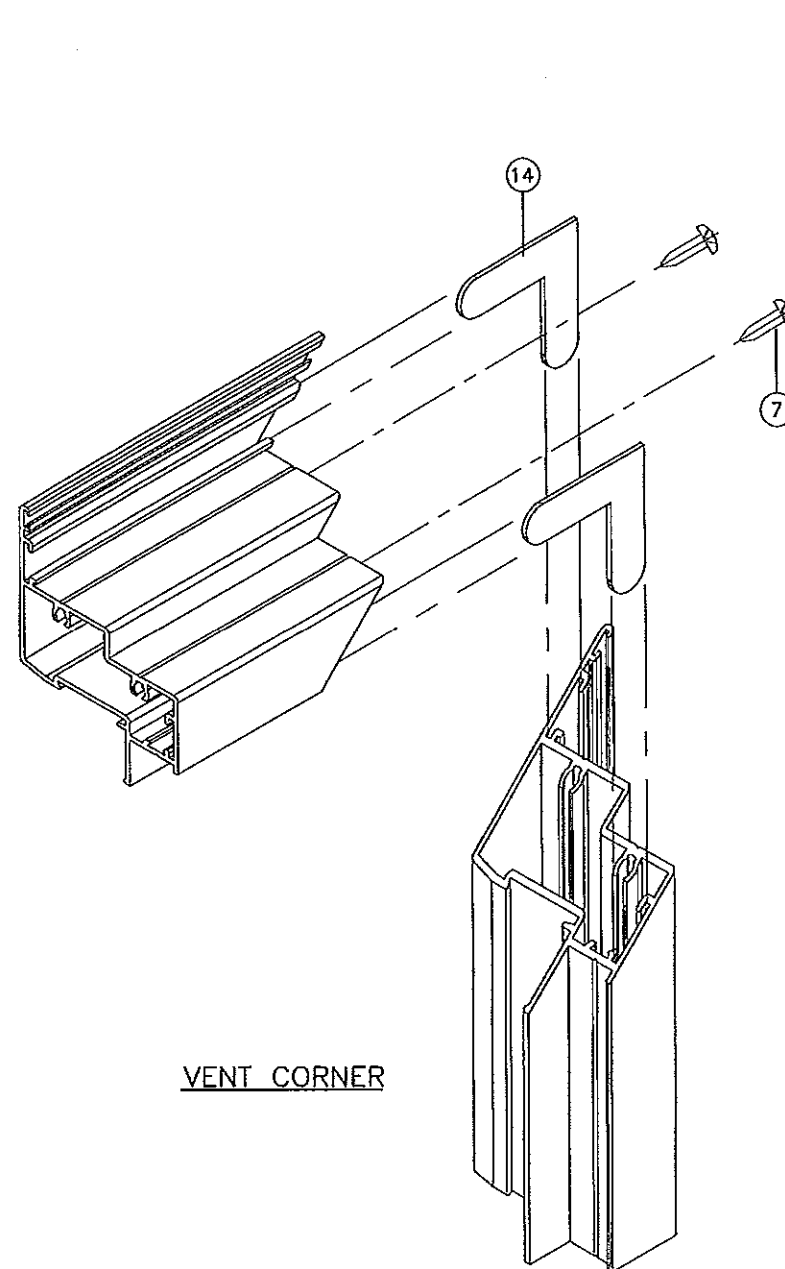
**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL W11-08ECO

S-560 ALUMINUM PROJECT OUT WDW. (L.M.I.)  
**ECO WINDOW SYSTEMS, LLC.**  
9114 N.W. 106 STREET  
MEDLEY, FL. 33178  
TEL. (305) 885-5299 FAX (305) 885-5902

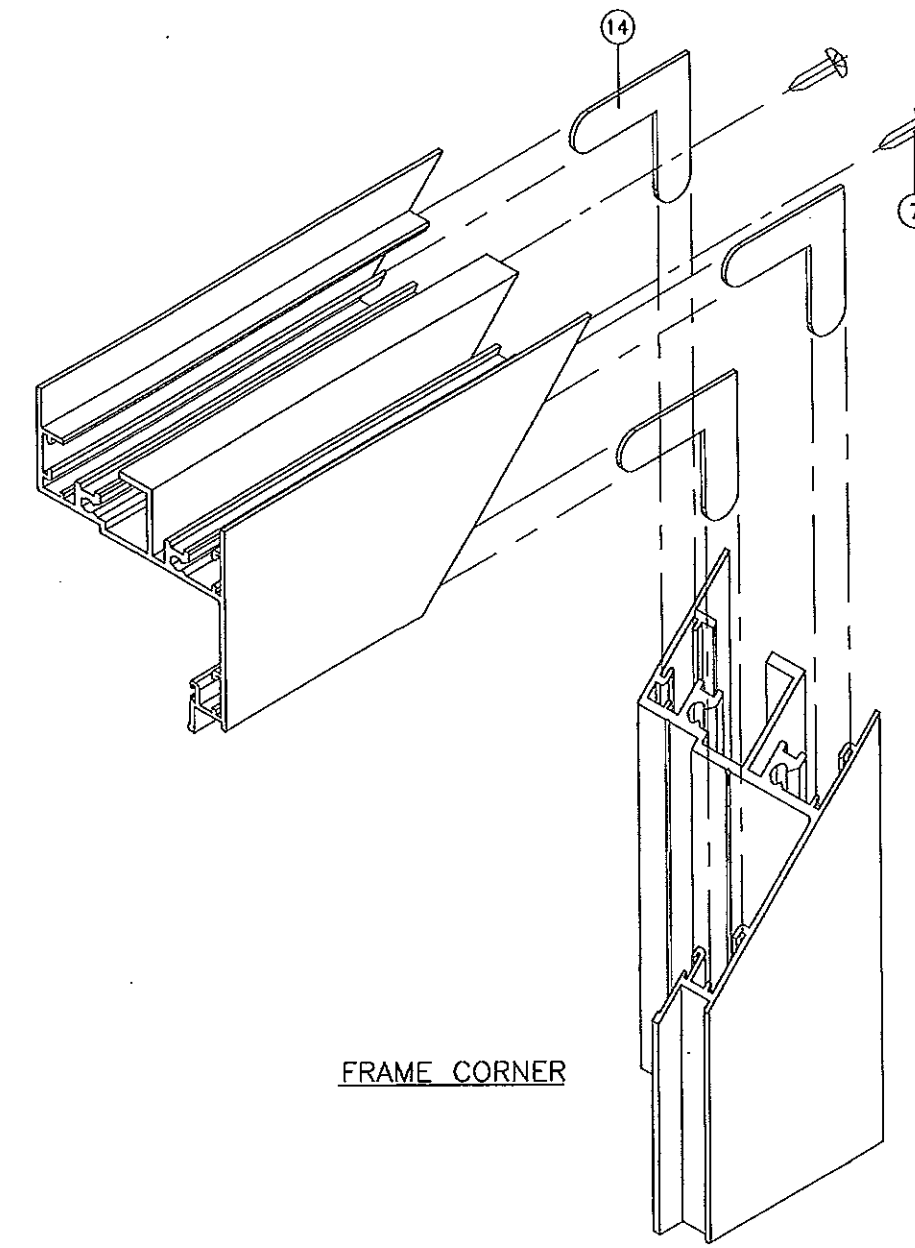
revisions:	no	date	by	description
	A	04.27.11	REV.	PER BNC COMMENTS
	B	01.31.12	NO	CHANGE THIS SHEET
	C	01.11.13	MANUF.	ADDRESS REV.

date: 02-24-11  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W11-08**  
sheet 5 of 6



VENT CORNER



FRAME CORNER

Engr: JAVAD AHMAD  
CML  
FLA. PE # 70592  
C.A.N. 3638  
  
JAN 15 2013

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 13-02206-06  
Expiration Date May 24, 2016  
By *Manuel Lopez*  
Miami Date Product Control

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W11-08ECO

**af c**

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revisions:

no	date	by	description
A	04.27.11		NO CHANGE THIS SHEET
B	01.31.12		NO CHANGE THIS SHEET
C	01.11.13		MANUF. ADDRESS REV.

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date: 02-24-11  
scale: 1/2" = 1"  
dr. by: HAMID  
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drawing no.  
**W11-08**  
sheet 6 of 6